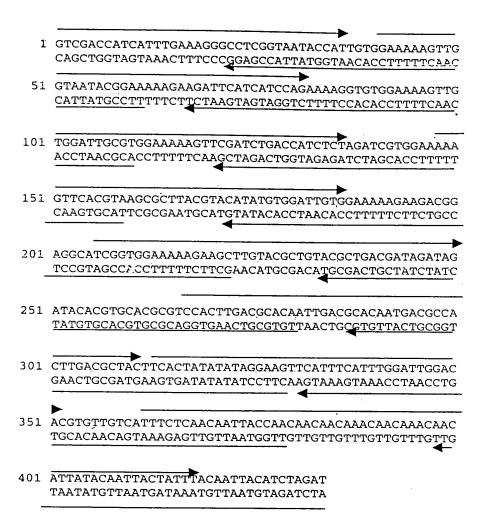
FIG.1 DESIGNING OF OVERLAPPING OLIGOS FOR SYNTHESIS OF ARTIFICIAL PROMOTER



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Sheet no- 2 Total no of sheets-3

FIG.2 RESTRICTION ENZYME SITES IN ARTIFICIAL SYNTHETIC PROMOTER

SA ac lc II				T f i I
GTCGACCATCATTTG	AAAGGGCCTCGGTAA' 25	PACCATTGT	TGGAAAAGTTGGTA 50	ATACGGAAAAAGAAGAT
•				
			X	X
			m	b
			n . I	a I
TCATCATCCAGAAAA	GGTGTGGAAAAGTTG 100	rggattgcc	TGGAAAAAGTTCGA	TCTGACCATCTCTAGAT 25
	100		*	23
Х	S	N		
m	n	d		
n	a	e		
I	В	I		
1	I	1		
CGTGGAAAAAGTTCA 150	CGTAAGCGCTTACGT	ACATATGTO	GGATTGTGGAAAAAG	AAGACGGAGGCATCGGT 200
**			.,	.,
H			М	M
i	•		1	f
n			u -	e
. d			I	I
3 GGAAAAAGAAGCTTG 225	TACGCTGTACGCTGAC	CGATAGATA 25		 CGTCCACTTGACGCACA 275
223		2.	, 0	2,73
9				
ATTGACGCACAATGA	CGCCACTTGACGCTAC 300	CTTCACTAT	'ATATAGGAAGTTCA 325	TTTCATTTGGATTGGAC 350
ACGTGTTGTCATTTC	TCAACAATTACCAAC <i>A</i> 375	ACAACAAA	CAACAAACAACATT 400	ATACAATTACTATTTAC
X				
b				
a				
I AATTACATCTAGAT 425			•	
• •				

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FIG: 3 PRIMER FOR INTRODUCTION OF ATG CONTEXT IN ARTIFICIAL SYNTHETIC PROMOTER

SEQ ID NO.17 5'AATTACATCTAGATAAACAATGGCTTCCTCCGTAGAAA CCCCAACCCGTGAAATCAAA 3'